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1 Evaluating student teams developing unique industry projects

Nicole Clark

January 2005 **ACE '05: Proceedings of the 7th Australasian conference on Computing ed**

- Volume 42, Volume 42

Publisher: Australian Computer Society, Inc.

Full text available: r pdf(266.01 KB)

Additional Information: full citation, abstract, references, cited by, index •

Bibliometrics: Downloads (6 Weeks): 47, Downloads (12 Months): 97, Citation Count: 3

Real industry projects and teamwork can have a great impact on student learning and comrr but provision of these features also produces significant challenges for academic assessment paper describes an approach to evaluate teams and individuals ...

Keywords: assessment, education, industry projects, software engineering, teamwork

2 Crossing the divide

Jonathan Grudin

W March 2004 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 11 Issue 1

Publisher: ACM

Full text available: r pdf(110.41 KB)

Additional Information: full citation, abstract, references, cited by, index

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 116, Citation Count: 2

This essay summarizes the editor's views of publication in the field of human-computer inter Digital technologies have begun changing the way journal articles and conference papers are produced, reviewed, published, accessed, and used. This period ...

Keywords: Journals, conference proceedings, human-computer interaction

3 3D RGB image compression for interactive applications

Chandrajit Bajaj, Insung Ihm, Sanghun Park

January 2001 **ACM Transactions on Graphics (TOG)**, Volume 20 Issue 1

Publisher: ACM

Full text available: i n pdf(2.41 MB)

Additional Information: full citation, abstract, references, cited by, index •

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 140, Citation Count: 5

This paper presents a new 3D RGB image compression scheme designed for interactive real-applications. In designing our compression method, we have compromised between two imp goals: high compression ratio and fast random access ability, and ...

4 A BDD-based frontend for retargetable compilers

R. Leupers, P. Marwedel

March 1995 **EDTC '95**: Proceedings of the 1995 European conference on Design and Test

Publisher: IEEE Computer Society

Full text available: [pdf\(609.82 KB\)](#) [Publisher Site](#) Additional Information: full citation, abstract, references, cite

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 17, Citation Count: 8

We present a unified frontend for retargetable compilers that performs analysis of the target processor model. Our approach bridges the gap between structural and behavioral processor for retargetable compilation. This is achieved by means of ...

Keywords: BDD data structure, BDD-based frontend, DSP processors, behavioral processor control signal analysis, data structures, digital signal processing chips, instruction set extract instruction sets, program compilers, retargetable compilers, structural processor models, str programming, target processor model

5 Collaborative virtual environments in the year of the dragon

Samuli Pekkola, Mike Robinson, Markku-Juhani O. Saarinen, Jonni Korhonen, Saku Hujala, Tero Toivonen

September 2000 **CVE '00**: Proceedings of the third international conference on Collaborative virt environments

Publisher: ACM

Full text available: [pdf\(248.20 KB\)](#) Additional Information: full citation, abstract, references, cited by, index

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 61, Citation Count: 3

Three suggestions are made for extensions from and to CVE's: awareness of others, multiple and scalability. Awareness of others and their activities is strongly desirable in all media and applications, not just ...

Keywords: CVE, awareness, multiple media, scalability, virtual reality

6 XMark: a benchmark for XML data management

Albrecht Schmidt, Florian Waas, Martin Kersten, Michael J. Carey, Ioana Manolescu, Ralph Buss August 2002 **VLDB '02**: Proceedings of the 28th international conference on Very Large Data Ba

Publisher: VLDB Endowment

Full text available: [pdf\(78.72 KB\)](#) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 103, Citation Count: 0

While standardization efforts for XML query languages have been progressing, researchers a increasingly focus on the database technology that has to deliver on the new challenges that abundance of XML documents poses to data management: validation, ...

7 A lightvwave 3D plug-in for modeling long hair on virtual humans

Deborah Patrick, Shaun Bangay

NP" February 2003 **AFRIGRAPH '03**: Proceedings of the 2nd international conference on Computer graphics, virtual Reality, visualisation and interaction in Africa

Publisher: ACM

Full text available: [pdf\(2.50 MB\)](#) Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 58, Citation Count: 1

Multimedia applications today make use of virtual humans. Generating realistic virtual huma challenging problem owing to a number of factors, one being the simulation of realistic hair. difficulty in simulating hair is due to the physical ...

Keywords: explicit model, hair modeling, lightwave, plug-in

8 Making RDF presentable: integrated global and local semantic Web browsing

Lloyd Rutledge, Jacco van Osssenbruggen, Lynda Hardman

May 2005 WWW '05: Proceedings of the 14th international conference on World Wide Web

Publisher: ACM

Full text available: pdf(1.19 MB)

Additional Information: full citation, abstract, references, cited by, index

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 164, Citation Count: 1

This paper discusses generating document structure from annotated media repositories in a independent manner. This approaches the vision of a universal RDF browser. We start by ap the search-and-browse paradigm established for the WWW to ...

Keywords: RDF, browsing, clustering, hypermedia generation, media archives, search, sem Web

9 PastMaster@storytelling: a controlled interface for interactive drama

Nicolas Szilas, Manolya Kavakli

January 2006 IUI '06: Proceedings of the 11th international conference on Intelligent user inter

Publisher: ACM

Full text available: in pdf(77.59 KB)

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 37, Citation Count: 1

In this paper, we describe a controlled interface for Interactive Drama, *PastMaster@Storytet* *PastMaster* is used for interacting with an Interactive Drama engine. The paper discusses the results regarding the usability of the interface.

Keywords: adaptive interfaces, interaction history, interactive drama, interactive narrative, usability study

10 Exploiting an evolutionary accident in web3D communications to integrate application components

Chris Thorne

July 2005 SIGGRAPH '05: ACM SIGGRAPH 2005 Web program

Publisher: ACM

Full text available: in pdf(329.26 KB)

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 31, Citation Count: 0

The Virtual Reality Modeling Language (VRML) ushered in a new era in computer graphics by providing the first international standard 3D format for the Web (web3D). Unfortunately, sor tried VRML applications found they did not work and naturally ...

Keywords: HTML, HTTP, architecture, programming interface, protocol, scene graph, state, statefull, stateless, web 3D, web page, web services

11 Matching human_actors based on their texts: design and evaluation of an instance of the ExpertFinding framework

Tim Reichling, Kai Schubert, Volker Wulf

November 2005 GROUP '05: Proceedings of the 2005 international ACM SIGGROUPE conference

Supporting group work

Publisher: ACM

Full text available: in pdf(319.46 KB)

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 115, Citation Count: 1

Bringing together human actors with similar interests, skills or expertise is a major challeng(

community-based knowledge management. We believe that writing or reading textual documents can be an indicator for a human actor's interests, skills or ...

Keywords: community building, expertise sharing, keyword extraction, knowledge management, latent semantic indexing, user profiling

12 Resource scheduling for parallel database and scientific applications

Soumen Chakrabarti, S. Muthukrishnan

June 1996 **SPAA '96**: Proceedings of the eighth annual ACM symposium on Parallel algorithms and architectures

Publisher: ACM

Full text available: pdf(984.42 KB) Additional Information: full citation, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 14, Citation Count: 12

13 Introduction

Janet McAndless

July 1998 **SIGGRAPH '98**: ACM SIGGRAPH 98 Conference abstracts and applications

Publisher: ACM

Full text available: pdf(26.34 KB) Additional Information: full citation, index terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 4, Citation Count: 0

14 Scalable and reliable data delivery in mobile ad hoc sensor networks

Bin Yu, Paul Scerri, Katia Sycara, Yang Xu, Michael Lewis

May 2006 **AAMAS '06**: Proceedings of the fifth international joint conference on Autonomous and multiagent systems

Publisher: ACM

Full text available: pdf(273.13 KB) Additional Information: [full citation](#), abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 98, Citation Count: 0

This paper studies scalable data delivery algorithms in mobile ad hoc sensor networks with random link failures. Many algorithms have been developed for data delivery and fusion in static mobile networks, but most of them are not appropriate for ...

Keywords: data delivery, reinforcement learning, sensor data fusion

15 The use of web structure and content to identify subjectively interesting web usage patterns

Robert Cooley

May 2003 **ACM Transactions on Internet Technology (TOIT)**, Volume 3 Issue 2

Publisher: ACM

Full text available: pdf(1.1 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 33, Downloads (12 Months): 261, Citation Count: 5

The discipline of Web Usage Mining has grown rapidly in the past few years, despite the crash of the e-commerce boom of the late 1990s. Web Usage Mining is the application of data mining techniques to Web clickstream data in order to extract usage patterns. ...

Keywords: Data mining, Web usage mining, World Wide Web

16 Applications of storage mapping optimization to register promotion

Patrick Carribault, Albert Cohen

June 2004 **ICS '04**: Proceedings of the 18th annual international conference on Supercomputing
Publisher: ACM

Full text available: in pdf(268.41 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 87, Citation Count: 0

Storage mapping optimization is a flexible approach to folding array dimensions in numerical code. It is designed to reduce the memory footprint after a wide spectrum of loop transformations, whether based on uniform dependence vectors or more expressive ...

Keywords: array contraction, array folding, blocking, itanium, pattern matching, register promotion, scheduling, string matching, tiling

17 Learning probabilistic models: an expected utility maximization approach

Craig Friedman, Sven Sandow

December 2003 **The Journal of Machine Learning Research**, Volume 4

Publisher: MIT Press

Full text available: in pdf(243.70 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 84, Citation Count: 0

We consider the problem of learning a probabilistic model from the viewpoint of an expected maximizing decision maker/investor who would use the model to make decisions (bets), which result in well defined payoffs. In our new approach, we seek ...

18 Industrial experience using rule-driven retargetable code generation for multimedia applications

Clifford Liem, Pierre Paulin, Marco Cornero, Ahmed Jerraya

September 1995 **ISSS '95**: Proceedings of the 8th international symposium on System synthesis

Publisher: ACM

Full text available: in pdf(45.46 KB) ⁴ Publisher Site Additional Information: full citation, abstract, references, cited terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 9, Citation Count: 13

Abstract: The increasing usage of application-specific instruction set processors (ASIPs) in all video telecommunications has made strong demands on the rapid availability of dedicated compilers. A rule-driven approach to code generation may have ...

Keywords: MPEG audio, VLIW architecture, VLIW processor, VideoPhone codec controller, application specific integrated circuits, application-specific instruction set processors, audio telecommunications, codecs, computer architecture, controller architecture, dedicated compiler availability, high-fidelity audio, industrial experience, instruction sets, knowledge based systems, multimedia applications, multimedia systems, multiprocessing systems, optimising compilers optimization abilities, rule-driven retargetable code generation, target architecture, telecommunication computing, transformation rules, video telecommunications, videotelephony

19 Improving web spam detection with re-extracted features

Guanggang Geng, Chunheng Wang, Qiudan Li

April 2008 **WWW '08**: Proceeding of the 17th international conference on World Wide Web

Publisher: ACM

Full text available: in pdf(227.57 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 0, Citation Count: 0

Web spam detection has become one of the top challenges for the Internet search industry. Instead of using some heuristic rules, we propose a feature re-extraction strategy to optimize the detection result. Based on the predicted spamicity obtained by ...

Keywords: content spam, link spam, machine learning, web spam

20 ZBroker: a query routing broker for Z39.50 databases

Yong Lin, Jian Xu, Ee-Peng Lim, Wee-Keong Ng

November 1999 **CIKM '99**: Proceedings of the eighth international conference on Information ar
knowledge management

Publisher: ACM

Full text available: n pdf(1.15 MB)

Additional Information: full citation, abstract, references, cited by, index

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 10, Citation Count: 2

A query routing broker is a software agent that determines from a large set of accessing infc
sources the ones most relevant to a user's information need. As the number of information .5
on the Internet increases dramatically, future users ...

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